

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S45	1396	carbon and chromium and manganese and (weld\$3 solder\$3) and ("219".clas. "428".clas.)	US-PGPUB; USPAT	OR	ON	2011/03/21 10:46
S46	707	carbon same chromium same manganese and (weld \$3 solder\$3) and ("219".clas. "428".clas.)	US-PGPUB; USPAT	OR	ON	2011/03/21 10:47
S47	200	(carbon with chromium with manganese).clm. and (weld \$3 solder\$3) and ("219".clas. "428".clas.)	US-PGPUB; USPAT	OR	ON	2011/03/21 10:47
S48	82	(carbon with chromium with manganese).clm. and (weld \$3 solder\$3) and melt and ("219".clas. "428".clas.)	US-PGPUB; USPAT	OR	ON	2011/03/21 10:55
S49	55	(carbon with chromium with manganese).clm. and hard \$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 10:56
S55	43	(carbon with chromium with manganese) and hard\$1fac \$3	EPO; JPO; DERWENT	OR	ON	2011/03/21 11:26
S57	1	"3862840".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 11:34
S58	14	("2828226"   "2833638"   "3329487"   "3372024"   "3502466"   "3689257").PN. OR ("3862840").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 11:40
S59	16	("2998322"   "3862840"   "3989863"   "4195764"   "4563329"   "4596692"   "4701357"   "4842953"   "4851188"   "4937042"   "Re28552").PN. OR ("5812926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 11:41
S60	19	("2030342"   "2097177"   "2180549"   "3257178"   "3361560").PN. OR ("RE28552").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 11:44
S61	11	(hard\$1fac\$3) with (alloy consumable) same ((melt\$3) with (carbon chromium manganese))	US-PGPUB; USPAT	OR	ON	2011/03/21 11:52

S62	31	(hard\$1fac\$3) with (alloy consumable) and (consumable melt\$3)	EPO; JPO; DERWENT	OR	ON	2011/03/21 11:55
S65	1	"7491910".pn.	USPAT	OR	ON	2011/03/21 12:25
S66	12	("20040173592"   "20060081579"   "20060144836"   "20060186103"   "20070181549"   "4800131"   "5120931"   "5519186"   "6331688"   "6339209"   "6835913"   "7270719").PN. OR ("7491910").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 12:25
S67	16	("2510205"   "2906860"   "3180969"   "3344305"   "5120931"   "5365036"   "5861605"   "5914061"   "5945064"   "6124569").PN. OR ("6835913").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 12:26
S69	99	(melt\$3) with powder same hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 16:14
S70	10	"3076888".pn. "3000094".pn. "3060307".pn. "3062948".pn. "3407478".pn. "3494749".pn. "3513288".pn. "3517156".pn. "3588432".pn. "3609292".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 16:19
S71	10	("20020084111"   "20030000339"   "4525178"   "5290507"   "5880382"   "6659206"   "6682580"   "RE37127").PN. OR ("7250069").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 16:26
S72	51	("2033594"   "2407642"   "2660405"   "3158214"   "3260579"   "3768984"   "3800891"   "3989554"   "4043611"   "4262761"   "4414029"   "4455278"   "4499958"   "4562892"   "4597456"   "4611673"   "4630692"   "4666797"   "4726432"   "4762028"   "4781770"   "4836307"   "4884477"   "4944774"   "5038640"   "5051112"   "5089182"   "5152194"   "5291807"   "5492186").PN. OR ("RE37127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 16:28
S73	14	(melt\$3) with powder and hard\$1fac\$3	EPO; JPO; DERWENT	OR	ON	2011/03/21 16:30

S74	23	(melt\$3) and powder and hard\$1fac\$3	EPO; JPO; DERWENT	OR	ON	2011/03/21 16:30
S79	1	"5030814".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 16:39
S80	1	"5226977".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 16:43
S81	14	("4485770"   "4583502"   "4878953"   "4902359"   "4946749"   "5035958"   "5077140"   "5084113").PN. OR ("5226977").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 16:48
S82	2302	hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 16:59
S83	1597	hard\$1fac\$3 and carbide	US-PGPUB; USPAT	OR	ON	2011/03/21 16:59
S84	27	hard\$1fac\$3 and (free near2 carbon)	US-PGPUB; USPAT	OR	ON	2011/03/21 16:59
S85	8	("3879901"   "3920410"   "5096465"   "5184662"   "5292477"   "5755298"   "5876793"   "6540800").PN. OR ("6641918").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 17:05
S86	1	"4873150".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 17:10
S87	314	(melt\$3 near4 (alloy powder)) and hard\$1fac\$3 and (weld\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/21 17:17
S88	304	(melt\$3 near4 (alloy powder)) and hard\$1fac\$3 and (weld\$3)	US-PGPUB; USPAT	OR	ON	2011/03/21 17:17
S89	131	(melt\$3 near4 (alloy powder)) same hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 17:18
S90	9	("3733678"   "3746518"   "3834002").PN. OR ("3972108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 17:20
S91	18	("3746518").URPN.	USPAT	OR	ON	2011/03/21 17:23
S92	9	("3733678"   "3746518"   "3834002").PN. OR ("3972108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 17:24
S93	18	("3746518").URPN.	USPAT	OR	ON	2011/03/21 17:33
S94	52	(hard\$1fac\$4 near4 (making producing))	USPAT	OR	ON	2011/03/21 17:34
S95	71	(hard\$1fac\$4 near4 (making producing))	US-PGPUB; USPAT	OR	ON	2011/03/21 17:34
S96	9	("3733678"   "3746518"   "3834002").PN. OR ("3972108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 17:38

S97	25	(hard\$1fac\$4 with (making producing))	EPO; JPO; DERWENT	OR	ON	2011/03/21 17:43
S100	1	"20080251507".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 18:03
S101	144	ferro\$1chromium and (weld \$3)	US-PGPUB; USPAT	OR	ON	2011/03/21 18:20
S102	7	ferro\$1chromium and (hard \$1fac\$3)	US-PGPUB; USPAT	OR	ON	2011/03/21 18:21
S103	1	"2810063".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 18:23
S104	7	ferro\$1chromium\$1 and (hard\$1fac\$3)	US-PGPUB; USPAT	OR	ON	2011/03/21 18:24
S105	2	ferro\$1chromium\$1 and (hard\$1fac\$3)	EPO; JPO; DERWENT	OR	ON	2011/03/21 18:24
S106	2	(free near2 carbon) and (hard\$1fac\$3)	EPO; JPO; DERWENT	OR	ON	2011/03/21 18:56
S107	27	(free near2 carbon) and (hard\$1fac\$3)	US-PGPUB; USPAT	OR	ON	2011/03/21 18:56
S108	1	"3862840".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 18:58
S109	3677	(free near2 carbon) and (graphite)	US-PGPUB; USPAT	OR	ON	2011/03/21 18:58
S110	14	(free near2 carbon) and (graphite) and hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 18:59
S111	28	(US-3862840-\$ or US-3663313-\$ or US-3700851-\$ or US-5740872-\$ or US-5743033-\$ or US-5879743-\$ or US-5812926-\$ or US-4504312-\$ or US-5030814-\$ or US-5226977-\$ or US-4873150-\$ or US-3972108-\$ or US-4678523-\$ or US-4487630-\$ or US-4430297-\$ or US-4415532-\$ or US-5015823-\$ or US-2810063-\$ or US-5695825-\$ or US-3890137-\$).did. or (US-2807562-\$ or US-3334975-\$ or US-1708815-\$).did. or (GB-2039950-\$).did. or (WO-2005078156-\$ or US-20060165552-\$ or US-20060165551-\$ or JP-02274386-\$).did.	USPAT; USOOCR; EPO; DERWENT	OR	ON	2011/03/21 19:12
S112	0	S111 and (scrap)	US-PGPUB; USPAT	OR	ON	2011/03/21 19:12
S113	55	scrap and hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 19:12
S114	12	(white adj cast) and hard \$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 19:18

S116	3	(white adj cast) and hard \$1fac\$3	EPO; JPO; DERWENT	OR	ON	2011/03/21 19:20
S117	5	((white adj cast) scrap) and hard\$1fac\$3	EPO; JPO; DERWENT	OR	ON	2011/03/21 19:22
S118	66	((white adj cast) scrap) and hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 19:23
S119	356	(steel with iron) and hard \$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 19:31
S120	10	(iron with scrap) and hard \$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 19:31
S121	11	(chromium with white) and hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/21 19:33
S122	1	"4225689".pn.	US-PGPUB; USPAT	OR	ON	2011/03/21 19:36
S123	1	(scrap with iron) and hard \$1fac\$3	EPO; JPO; DERWENT	OR	ON	2011/03/22 10:48
S124	4	(white with cast) and hard \$1fac\$3	EPO; JPO; DERWENT	OR	ON	2011/03/22 10:51
S125	15	(white with cast) and hard \$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/22 10:52
S126	55	(scrap) and hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/22 10:53
S127	1	"2515463".pn.	US-PGPUB; USPAT	OR	ON	2011/03/22 10:56
S128	92	((chromium with carbon with (fraction ratio percent\$3))) and hard\$1fac\$3	US-PGPUB; USPAT	OR	ON	2011/03/22 11:10
S129	55	219/146.51.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 11:41
S130	106	219/146.31.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 11:41
S131	218	219/146.1.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 11:41
S132	142	420/15.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 11:41
S133	151	420/72.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 11:41
S134	767	148/24.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 11:41
S135	27	(S129 S130 S131 S132 S133 S134) and @pd> = "20100714"	US-PGPUB; USPAT	OR	ON	2011/03/22 11:41

**EAST Search History (Interference)**

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